

FIG. 1

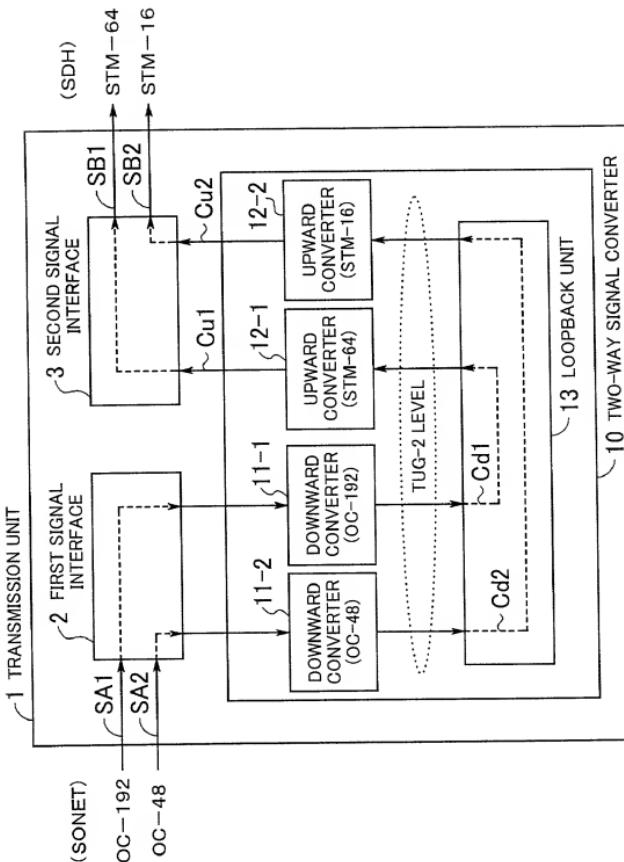


FIG. 2

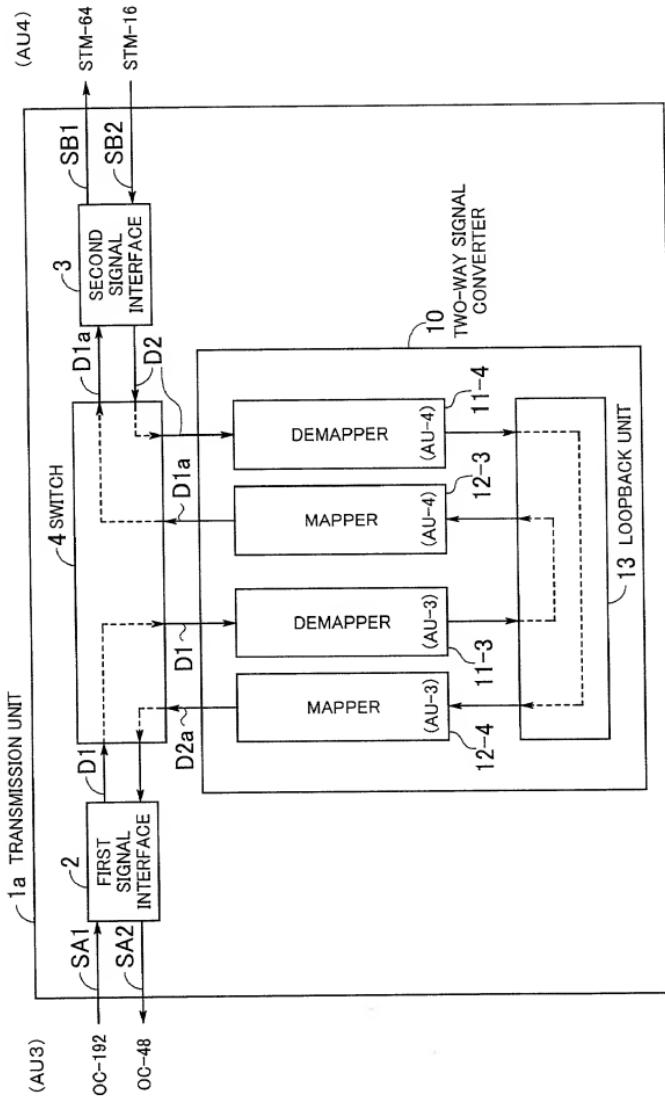
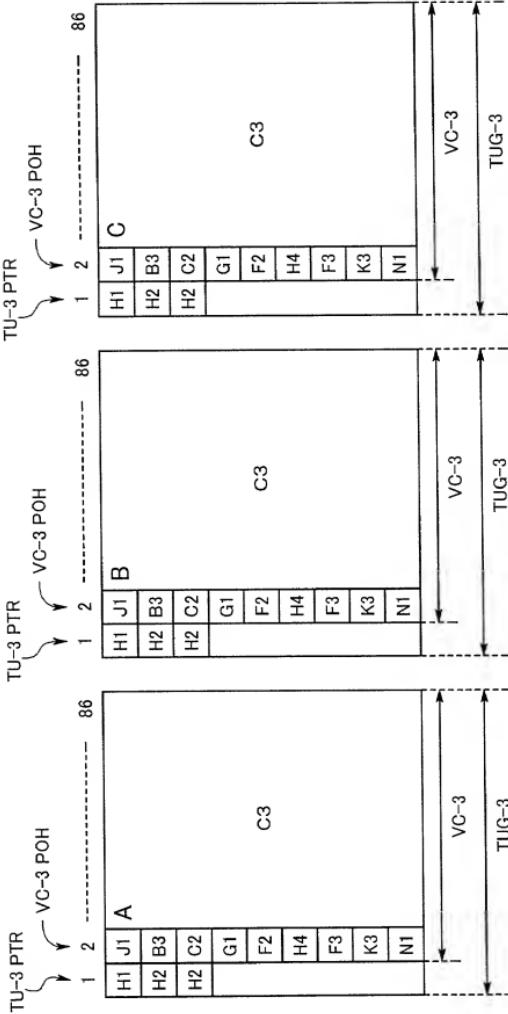


FIG. 3

VC-3 FRAMES CONTAINED IN AU-4

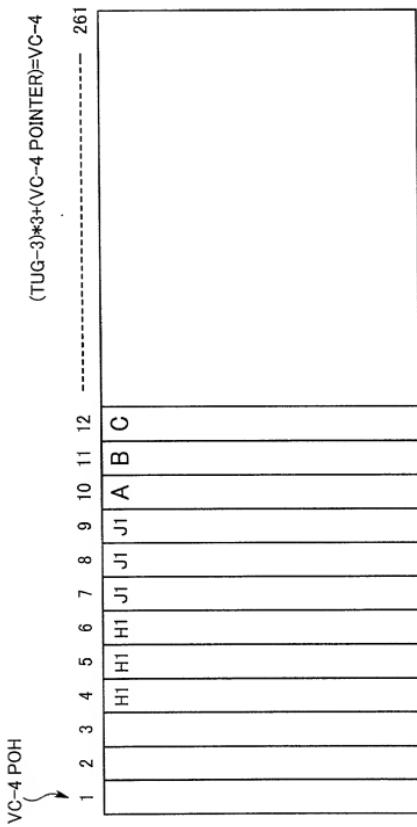
$$(C-3) + (VC-3 POH) + (TU-3 POINTER) = VC-4$$


: Fixed Stuff

FIG. 4

000224 0525460

VC-4 FRAME CARRYING THREE VC-3 FRAMES TO FORM AU-4



STUFF COLUMNS

FIG. 5

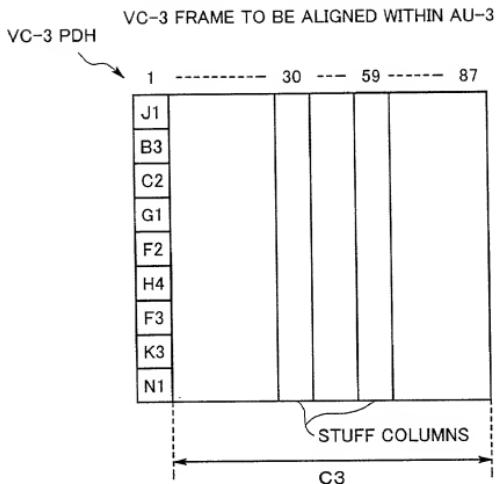


FIG. 6

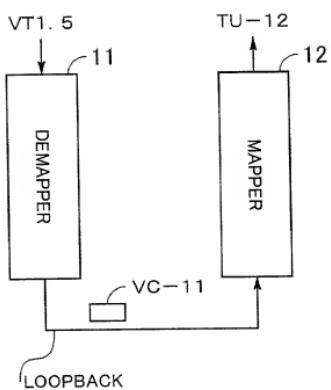


FIG. 7

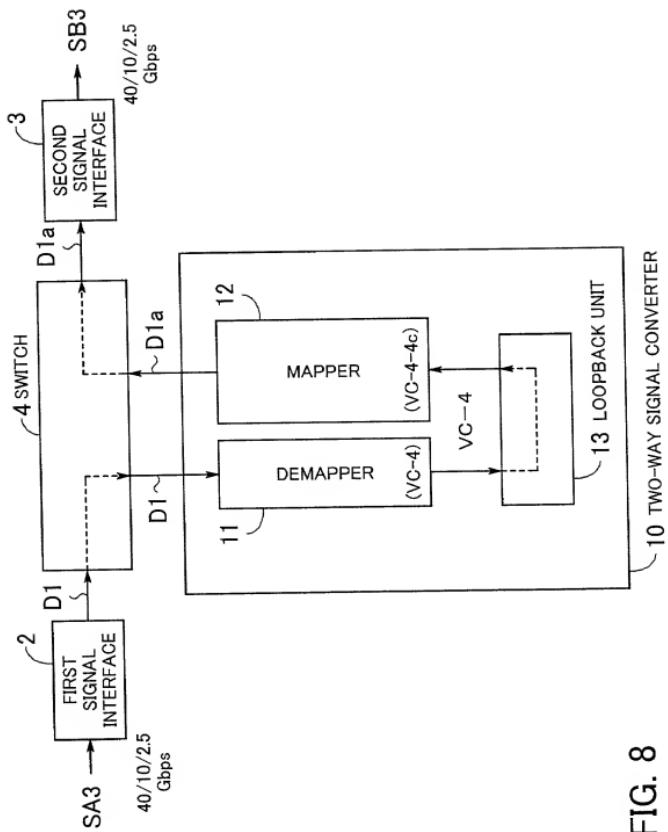


FIG. 8

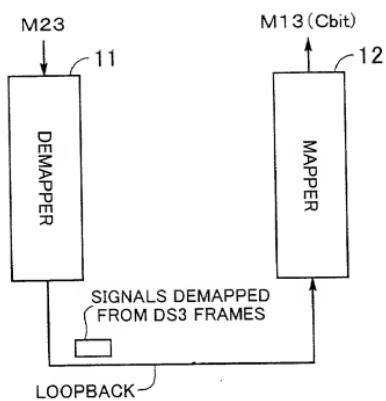


FIG. 9

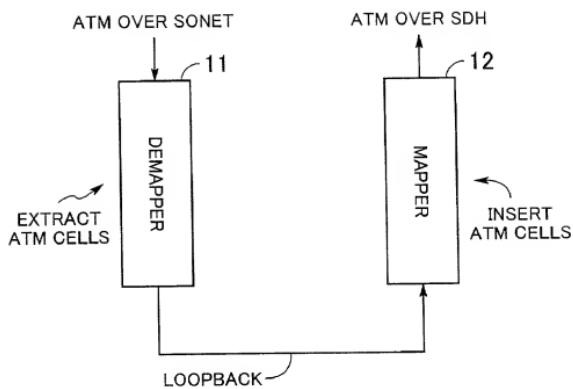


FIG. 10

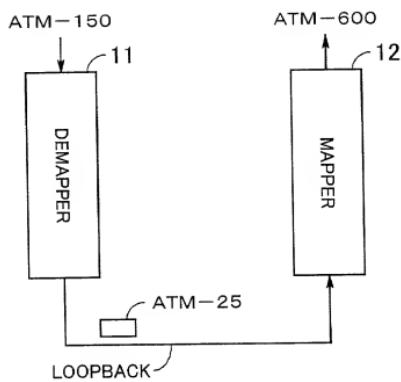


FIG. 11

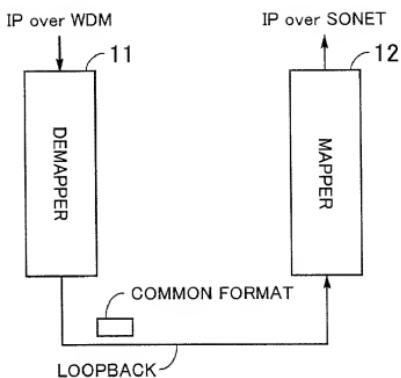


FIG. 12

006221" 05623463

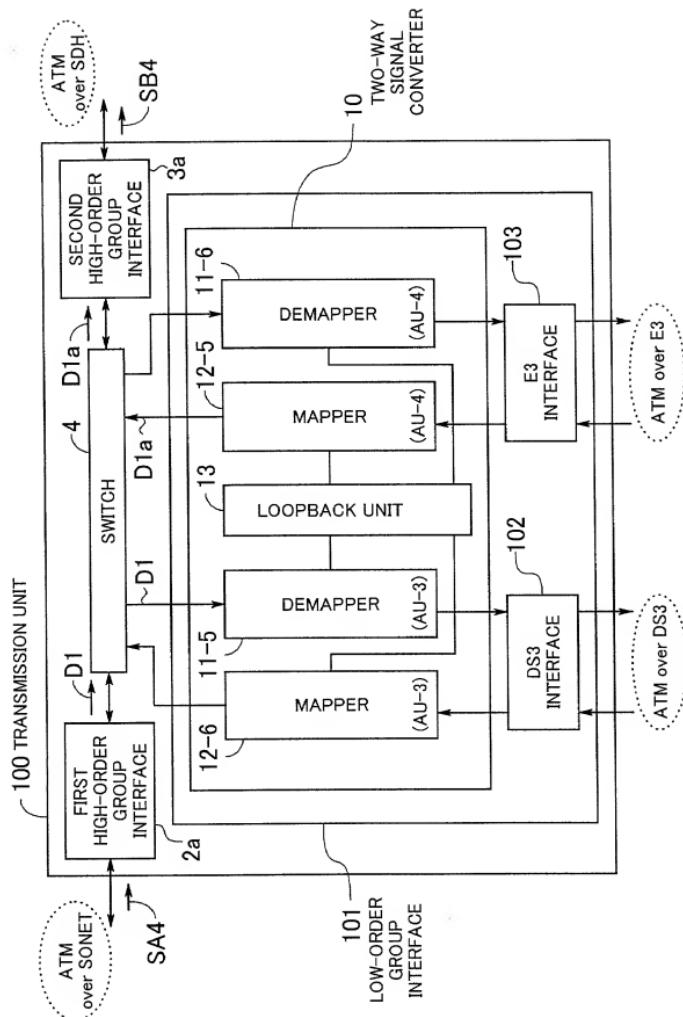


FIG. 13

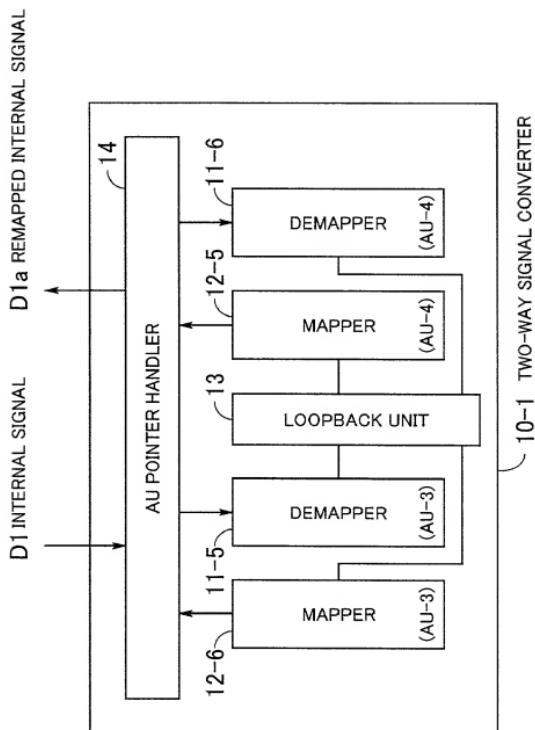


FIG. 14

09752350-422900

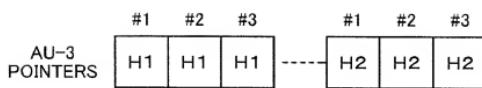


FIG. 15

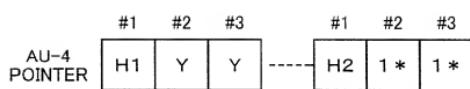


FIG. 16

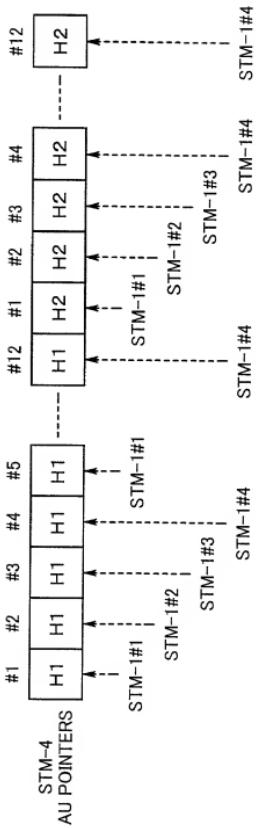
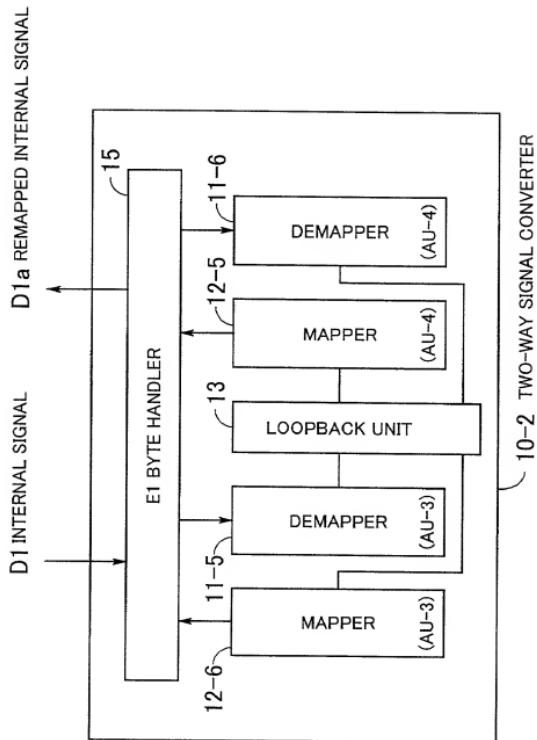


FIG. 17



10-2 TWO-WAY SIGNAL CONVERTER

FIG. 18

STM-4 FRAME OVERHEAD FORMAT USED INSIDE THE UNIT

#1	#2	#3	#12	#1	#2	#3	#12	#1	#2	#3	#12
A1	A1	A1	A1	A2	A2	A2	A2	—	—	—	—
B1	—	—	—	E1	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
H1	H1	H1	H1	H2	H2	H2	H2	H3	H3	H3	H3
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—

— : ALL 0

FIG. 19

00000000000000000000000000000000

BIT#	DEFINITION	STATE
1, 2	UNUSED	0
3	AU-4-16c (STS-48c)	1: CONCATENATED
4	AU-4-4c (STS-12c)	1: CONCATENATED
5	AU-4(STS-3c) #4	1: CONCATENATED
6	AU-4(STS-3c) #3	1: CONCATENATED
7	AU-4(STS-3c) #2	1: CONCATENATED
8	AU-4(STS-3c) #1	1: CONCATENATED

FIG. 20

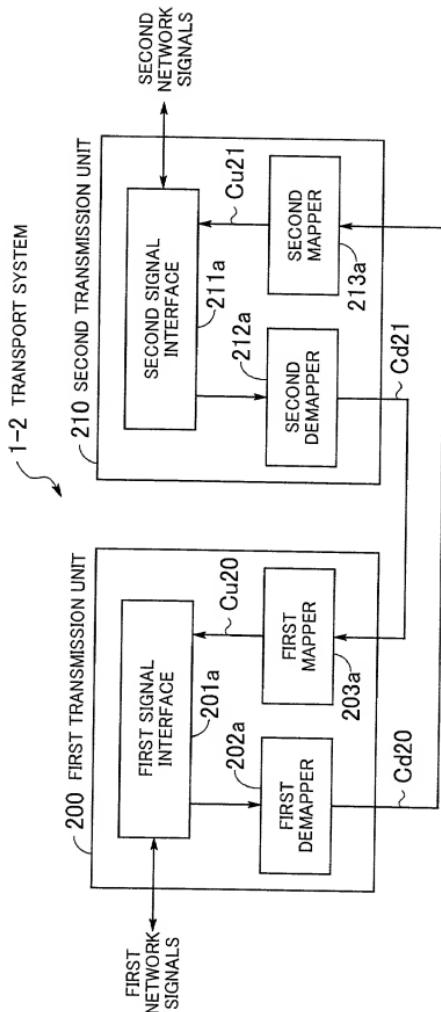


FIG. 21

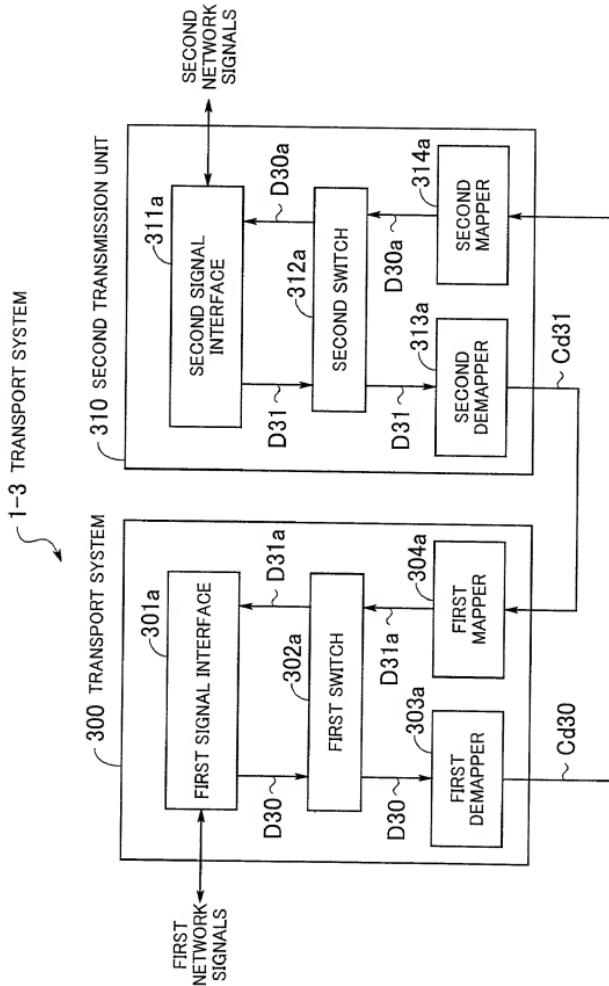


FIG. 22

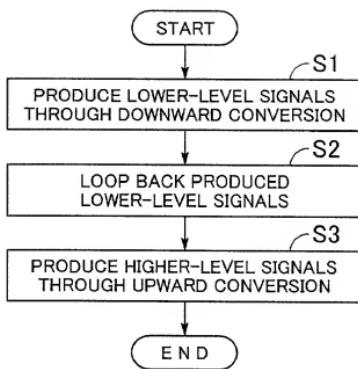


FIG. 23

006224 056256

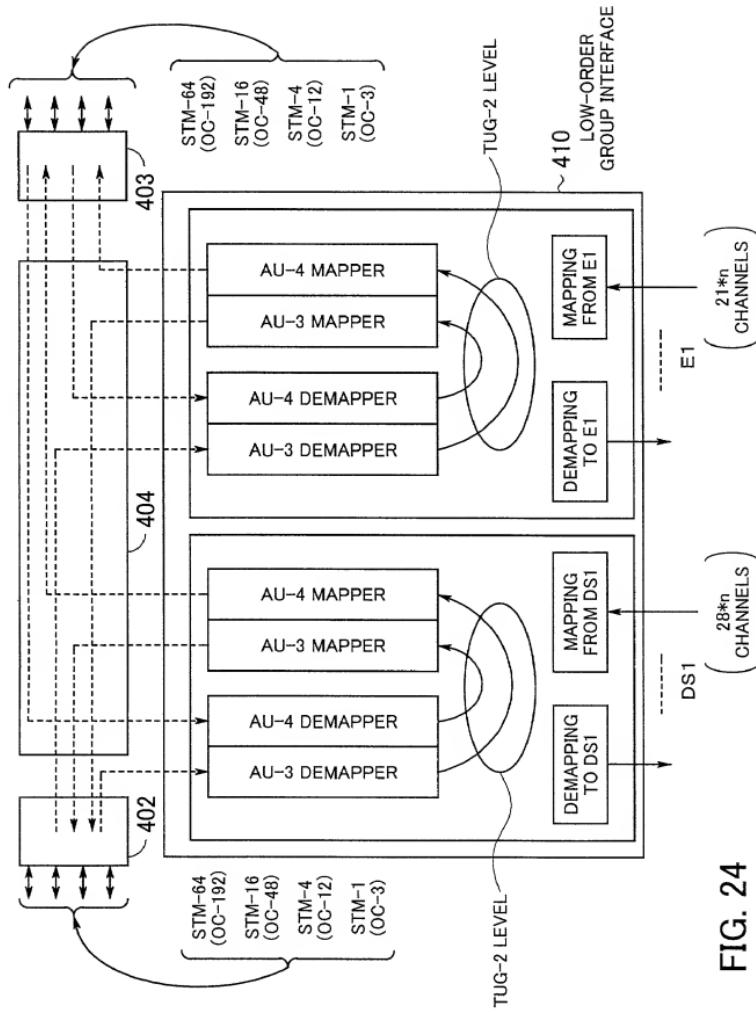


FIG. 24

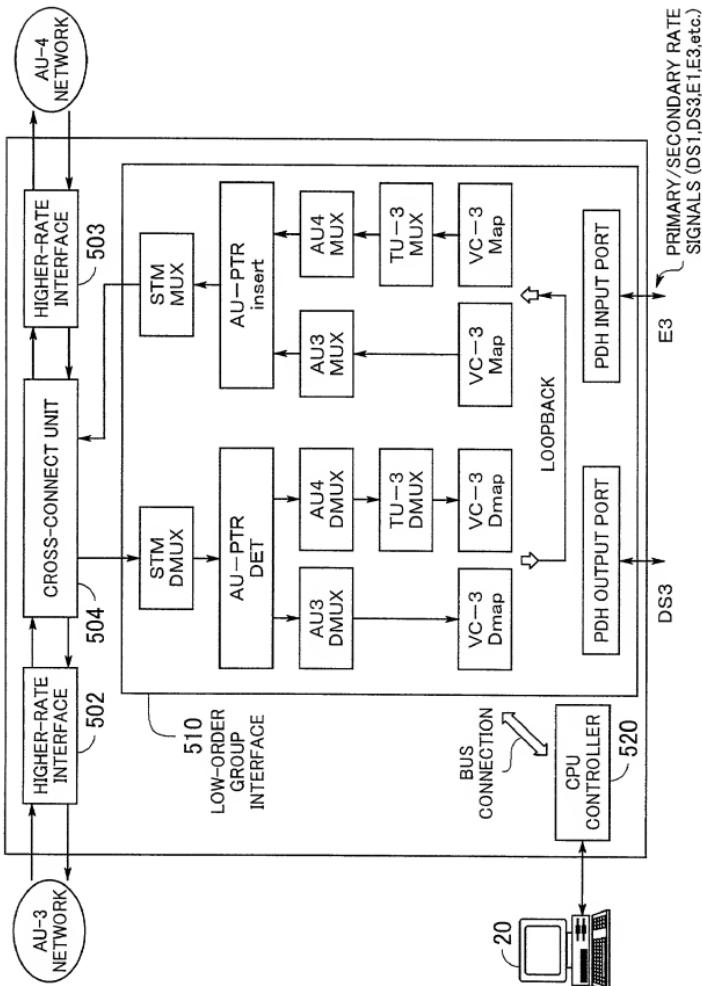


FIG. 25

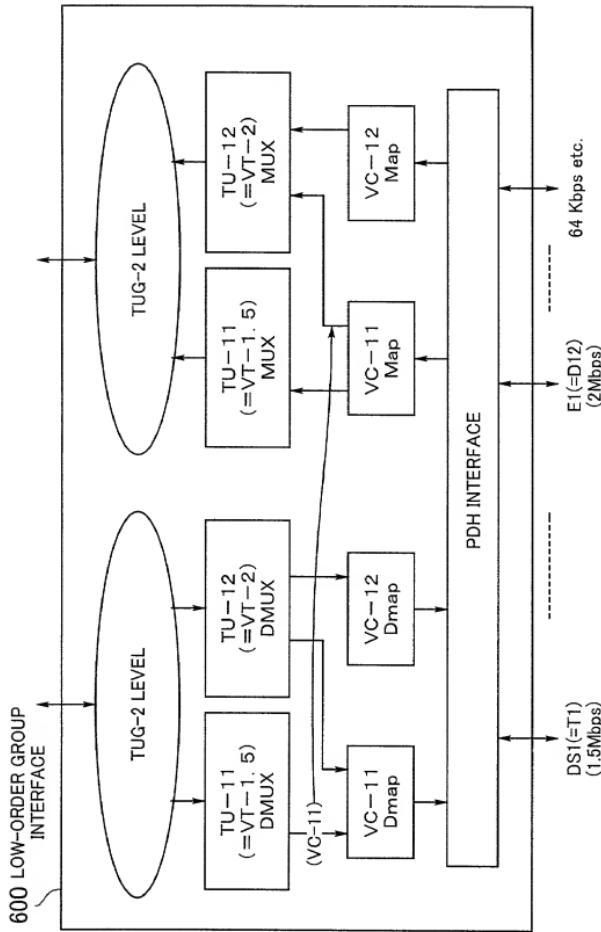


FIG. 26

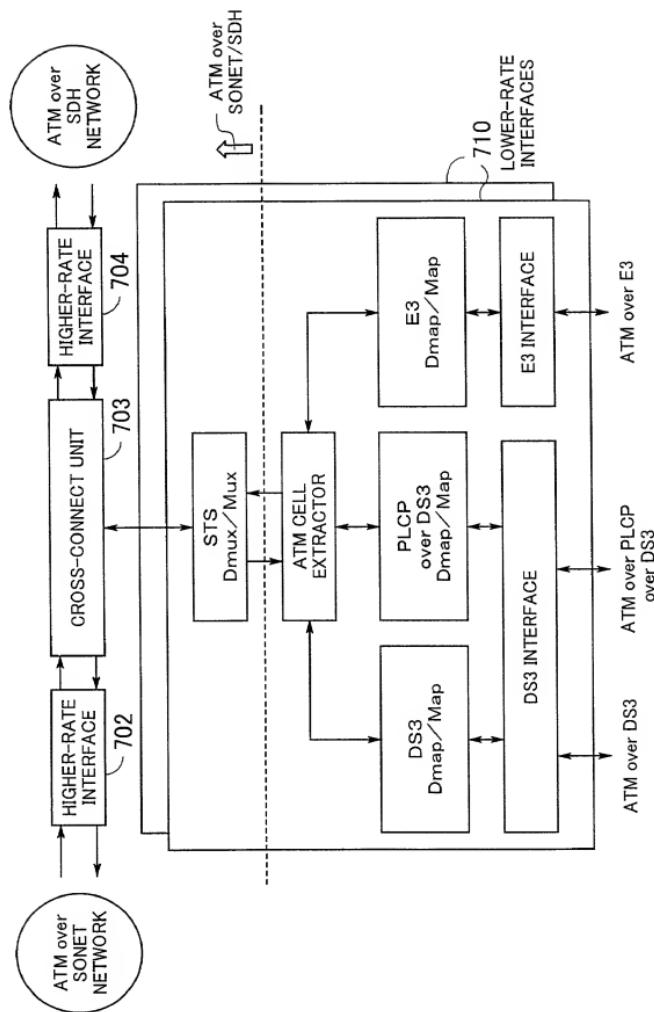


FIG. 27

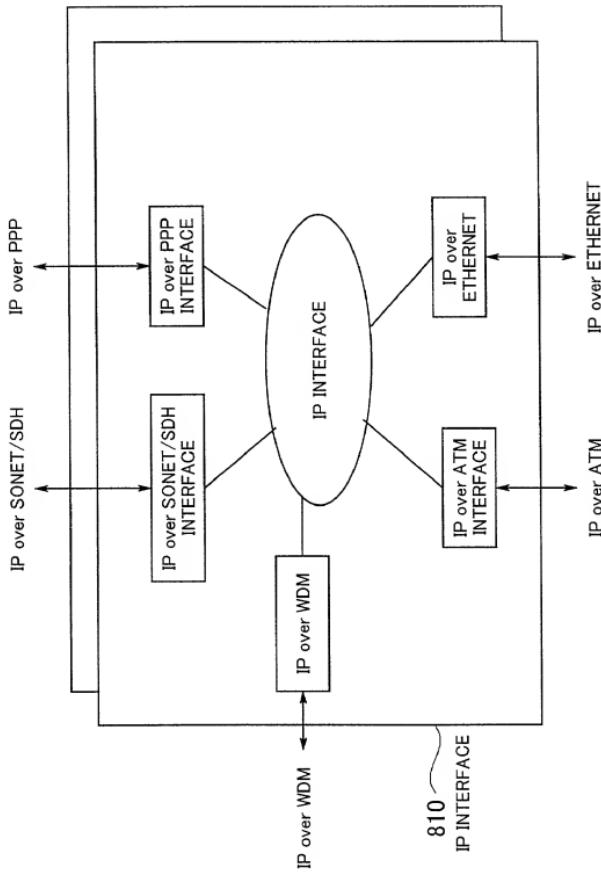


FIG. 28